

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7	((GANTETSU) near2 (MATSUI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/26 19:54
S2	11	((GANTETSU) near2 (MATSUI)).INV.	EPO; JPO; DERWENT	OR	ON	2009/06/26 19:54
S3	27	((TOSHIYA) near2 (NAKA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/26 19:54
S4	81	((TOSHIYA) near2 (NAKA)).INV.	EPO; JPO; DERWENT	OR	ON	2009/06/26 19:54
S5	26	((YOSHIHIRO) near2 (KOJIMA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/26 19:54
S6	162	((YOSHIHIRO) near2 (KOJIMA)).INV.	EPO; JPO; DERWENT	OR	ON	2009/06/26 19:54
S7	19	((NORIFUMI) near2 (SATA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/26 19:55
S8	4	((NORIFUMI) near2 (SATA)).INV.	EPO; JPO; DERWENT	OR	ON	2009/06/26 19:55
S9	113	((TAMOTSU) near2 (YAMAMOTO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/26 19:55
S10	481	((TAMOTSU) near2 (YAMAMOTO)).INV.	EPO; JPO; DERWENT	OR	ON	2009/06/26 19:55
S12	15	((SHUHEI) near2 (TAGUCHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/26 19:56
S13	19	((SHUHEI) near2 (TAGUCHI)).INV.	EPO; JPO; DERWENT	OR	ON	2009/06/26 19:56
S14	5	((MASAYUKI) near2 (MUKAI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/26 19:56
S15	77	((MASAYUKI) near2 (MUKAI)).INV.	EPO; JPO; DERWENT	OR	ON	2009/06/26 19:57
S16	1	((TETSUO) near2 (OOYAMA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/26 19:57
S17	8	((TETSUO) near2 (OOYAMA)).INV.	EPO; JPO; DERWENT	OR	ON	2009/06/26 19:57
S18	25	((HIROSHI) near2 (YASUNO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/26 19:57
S19	142	((HIROSHI) near2 (YASUNO)).INV.	EPO; JPO; DERWENT	OR	ON	2009/06/26 19:58

S20	9	("20030095156"   "20030103088"   "20040067778"   "5552806"   "5898435"   "5956025"   "6266098"   "6788241").PN. OR ("7271734").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 16:49
S21	13	("20030085793"   "20080062670"   "3886012"   "4375585"   "4619258"   "4931794"   "5598082"   "6323449"   "6359242"   "6794982"   "6924789"   "6995324"   "7070349").PN. OR ("7465896").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 17:00
S22	8	("20050093824"   "5563631"   "5615384"   "6556222"   "6774890"   "7039866").PN. OR ("7274354").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 17:01
S23	10	("4088855"   "5689285"   "6069552"   "6087925"   "6437682").PN. OR ("6794982").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 17:04
S24	1	"6062749".pn.	US-PGPUB; USPAT	OR	ON	2009/06/27 17:33
S25	5	("5912612"   "6259436"   "6437682"   "6653579"   "6794982").PN. OR ("7161583").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 17:39
S26	30	("4385291"   "6414907"   "6443614").PN. OR ("6556222").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 17:41
S27	13	("5536911"   "5689285"   "6348664"   "6359243"   "6437682"   "6567074"   "6580039"   "6750408"   "6791037"   "6794982"   "6831238"   "6841743").PN. OR ("7078633").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 17:42

S28	75	("20020000978"   "20020149566"   "20020191029"   "20030048262"   "20030076301"   "20030076303"   "20030076306"   "20030095096"   "20030164818"   "20030210288"   "20040021694"   "20040055446"   "20040104898"   "20050156898"   "3234512"   "3478220"   "4103252"   "4110749"   "4177421"   "4246452"   "4264903"   "4386346"   "4550221"   "4571149"   "4595913"   "4736191"   "4777328"   "4951036"   "5159159"   "5305017"   "5438331"   "5453761"   "5472116"   "5485171"   "5508703"   "5518078"   "5543591"   "5546106"   "5565658"   "5736865"   "5748185"   "5781178"   "5808602"   "5825352"   "5844506"   "5861875"   "5903229"   "5907472"   "5914465"   "5933102"   "5941122"   "5943052"   "6057826"   "6067075"   "6088023"   "6137427"   "6163312"   "6259432"   "6262717"   "6266050"   "6300939"   "6473069"   "6556222"   "6570557"   "6639584"   "6744427"   "6771280"   "6781576"   "6788288"   "7233316"   "D457149"   "D469109"   "D472245").PN. OR ("7466307").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 17:45
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S29	18	("20020003469"   "20020101441"   "20020101458"   "5542088"   "5627567"   "5764794"   "5798760"   "5933141"   "6031525"   "6072475"   "6104400"   "6181344"   "6320496"   "6441753"   "6473069"   "6538635"   "6538663"   "6556222").PN. OR ("7461355").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 17:46
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S32	9	("5444671"   "5754645"   "5841849"   "5982710"   "6224254"   "6535461"   "6556222"   "6766182").PN. OR ("6968508").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 17:51
S33	17	("20020003469"   "20020101458"   "5627567"   "5764794"   "5798760"   "5933141"   "6031525"   "6072475"   "6104400"   "6181344"   "6320496"   "6441753"   "6473069"   "6538635"   "6538663"   "6556222").PN. OR ("6967642").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 17:52

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S35	53	("5295243"   "5485197"   "5515486"   "5664132"   "5706448"   "5745109"   "5790820"   "5805154"   "5828360"   "5894589"   "5898435"   "5940076"   "5973666"   "5977975"   "6005578"   "6144378").PN. OR ("6448987").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 17:54
S36	4	("6232959"   "6330009").PN. OR ("6771280").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 18:00
S37	32	("4616224"   "4712101"   "4799049"   "4823634"   "4896554"   "4928093"   "4982618"   "5086510"   "5138329"   "5168982"   "5319803"   "5481265"   "5585785"   "5666138"   "5850213"   "6025832").PN. OR ("6300939").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/27 18:02
S38	3	"6794982".pn. "5903229".pn. "20010048422".pn.	US-PGPUB; USPAT	OR	ON	2009/07/10 13:44
S39	4664	345/156.ccls.	US-PGPUB; USPAT	OR	ON	2009/07/10 14:16
S40	530	345/184.ccls.	US-PGPUB; USPAT	OR	ON	2009/07/10 14:16
S41	1558383	(rotate or rotating or rotational)	US-PGPUB; USPAT	OR	ON	2009/07/10 14:16
S42	1909	S39 and S41	US-PGPUB; USPAT	OR	ON	2009/07/10 14:16

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S45	54	("20010034218"   "20020072674"   "20030043206"   "20040076444"   "3157853"   "3220121"   "3497668" "3517446"   "3902687" "3903614"   "4160508"   "4236325"   "4513235" "4581491"   "4599070" "4708656"   "4713007"   "4891764" "4930770"   "4934694"   "5019761" "5022407"   "5035242"   "5038089"   "5078152" "5186695"   "5212473" "5240417"   "5271290"   "5275174"   "5299810" "5309140"   "5334027" "5466213"   "5547382"   "5766016"   "5785630" "5986638"   "6028600" "6034688"   "6111577"   "6219034" "6348772"   "6404420"   "6422941"   "6468212"   "6483500"   "6614456").PN. OR ("7116317").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/10 15:42
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| "5861583" |  
"5861875" | "5864242"  
| "5864392" |  
"5880411" | "5889236"  
| "5914465" |  
"5914708" | "5920310"  
| "5926566" |  
"5942733" | "5943052"  
| "5969513" |  
"6023422" | "6028271"  
| "6028959" |  
"6097432" |  
"6148104").PN. OR  
("6185450" |  
"6188228" | "6188391"  
| "6222528" |  
"6239389" | "6249447"  
| "6262717" |  
"6280391" | "6288707"  
| "6304014" |  
"6320184" | "6323846"  
| "6326859" |  
"6377009" | "6380929"

		"6380931"   "6414671"   "6430305" "6441073"   "6452514"   "6457355" "6466036"   "6473069"   "6489899" "6498720"   "6499359"   "6522128" "6523416"   "6534970"   "6535200" "6570557"   "6587093"   "6610936" "6624640"   "6639586"   "6642857" "6649924"   "6667740"   "6673308" "6677932"   "6680731"   "6683462" "6705511"   "6714817"   "6730863" "6750852"   "6788221"   "6798218" "6809275"   "6856433"   "6873203" "6888538"   "6893724"   "6969978" "6975123"   "7046230"   "7119550").PN. OR ("7253643").URPN.				
S65	55	("3198937"   "3760392"   "4007454" "4058765"   "4087625"   "4103252" "4129747"   "4177421").PN. OR ("4264903").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/30 19:16
S66	17	("20040224638"   "20040252109"   "20050052425"   "20050110768"   "4264903"   "4482883" "4494105"   "4719524"   "4736191" "4777328"   "5151677"   "5159159" "5353004"   "5889236"   "5923388" "5952912"   "7046230").PN. OR ("7310089").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/30 19:18
S67	5281	345/ 173.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/07 16:26

S68	1566844	(rotate or rotating or rotational) or (directional or circular) and S67	US-PGPUB; USPAT	OR	ON	2009/08/07 16:27
S69	1810	((rotate or rotating or rotational) or (directional or circular)) and S67	US-PGPUB; USPAT	OR	ON	2009/08/07 16:27
S70	420	((((rotate or rotating or rotational) or (directional or circular)) with input) and S67	US-PGPUB; USPAT	OR	ON	2009/08/07 16:28
S71	687	((((rotate or rotating or rotational) or (directional or circular)) same input) and S67	US-PGPUB; USPAT	OR	ON	2009/08/07 16:28
S72	267	S71 not S70	US-PGPUB; USPAT	OR	ON	2009/08/07 16:28
S73	11	("20020109580"   "20020109677"   "20050151623"   "4139837"   "4644352"   "4786900"   "6193152"   "6282152"   "6359838"   "6720860").PN. OR ("7286063").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/07 16:40
S74	1	"10903964".apnr.	US-PGPUB; USPAT	OR	ON	2009/08/07 17:00
S75	1	"10611814".apnr.	US-PGPUB; USPAT	OR	ON	2009/08/07 17:04
S76	17	("4303856"   "4644326"   "4787040"   "4853888"   "5412189"   "5483261"   "5511148"   "5572239"   "5859631"   "5936613"   "5977867"   "6054990"   "6061177"   "6154201"   "6326956"   "6414672"   "6441807").PN. OR ("7489303").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/07 17:05
S77	4	("6433771"   "6636197"   "6918313"   "7046230").PN. OR ("7420547").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/24 18:29

S78	4074	(input near3 unit) same (counting or increment)	US-PGPUB; USPAT	OR	ON	2009/09/18 08:06
S79	468	S78 and rotational	US-PGPUB; USPAT	OR	ON	2009/09/18 08:06
S80	234	S78 and "345".clas.	US-PGPUB; USPAT	OR	ON	2009/09/18 08:07
S81	1	"6794982".pn.	US-PGPUB; USPAT	OR	ON	2009/09/18 08:45
S82	1	"5555004".pn.	US-PGPUB; USPAT	OR	ON	2009/09/18 08:47
S83	1	"20030085793".pn.	US-PGPUB; USPAT	OR	ON	2009/09/18 08:52
S84	102	715/834.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/18 09:33
S85	31	("20020015024"   "20020030665"   "20020072394"   "20030076301"   "20030104839"   "20030162569"   "20040009788"   "20040055446"   "20040165924"   "20040185912"   "20040218963"   "20050195159"   "20050253818"   "20050283724"   "20070046641"   "20070106732"   "5748512"   "5801941"   "5963671"   "6011542"   "6323846"   "6359572"   "6407325"   "6570557"   "6573844"   "6597345"   "6654733"   "6677932"   "7107147"   "7149550"   "7286115").PN. OR ("7574672").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 09:38
S86	10	("20030112279"   "20030197740"   "20040100479"   "20040221243"   "6236398"   "6252596"   "6448987"   "7036091"   "7091998"   "7093201").PN. OR ("7418671").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 09:39

S87	21	("20010045965"   "20020186251"   "20030043198"   "4755809"   "5615325"   "5825353"   "5854629"   "5940076"   "5958008"   "5986638"   "6005573"   "6028600"   "6064383"   "6104400"   "6188406"   "6219053"   "6993727").PN. OR ("7093201").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 09:42
S88	13	("20050050476"   "5485197"   "5798760"   "5940076"   "6005601"   "6144378"   "6448987"   "6819344"   "6920445").PN. OR ("7036091").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 09:43
S89	9	("20050050476"   "5485197"   "5798760"   "5940076"   "6005601"   "6144378"   "6448987"   "6819344"   "6920445").PN. OR ("7036090").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 09:44
S90	1	(annular near3 array) same folders	US-PGPUB; USPAT	OR	ON	2009/09/18 10:35
S91	1	"20020101441".pn.	US-PGPUB; USPAT	OR	ON	2009/09/18 11:26

**EAST Search History (Interference)**

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**9/ 18/ 2009 11:47:05 AM**C:\Documents and Settings\sbray\My Documents\EAST\Workspaces  
\10566043\_CircularInputUnit.wsp